

US EPA ARCHIVE DOCUMENT

US Department of Energy Funding

**Specific Funding Sources of Interest
to Wastewater and Drinking Water
Facilities**

Directly From US DOE

US DOE FUNDING

- 1. Energy Efficiency (EE) and Conservation Block Grants – Formula Allocations
- 2. Energy Efficiency and Conservation Block Grants – Competitive Grants
- 3. Loan Guarantee Program
- 4. Deployment of Combined Heat and Power Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment
- 5. State Energy Program Formula Grants

1. Energy Efficiency and Conservation Block Formula Grants

- **Eligible Applicants – States, Territories, Tribes, units of Local Governments (cities and counties)**
- **\$1,8880,310,000 Formula Grants to Eligible cities and counties**
- **\$767,480,000 Formula Grants to States**
- **\$54,836,200 Formula Grants to Tribes**
- **Activities: EE Retrofits; Renewable Energy (RE) Technologies on Government Buildings; Financial Incentive Programs**
- **Who To Contact:<http://www.eecbg.energy.gov>**
- **Local Governments that do not have a formula allocation are eligible to apply for funding to CEC**

2. Energy Efficiency and Conservation Block Competitive Grants

- **Most EECB dollars will go into Formula Grants – just covered (Congress appropriated \$3.2 billion and over \$2.7 is distributed via Formula Grants)**
- **\$455 million nationally available for Competitive Grants**
- **Separate Funding Opportunity Announcement will be coming soon**
- **Activities: to be determined**
- **Who To Contact: <http://www.eecbg.energy.gov/>**
- **Sign up for automatic email news alerts through DOE's Office of EE and RE:
https://apps.eere.energy.gov/news/progress_alerts_archive.cfm**

3. Loan Guarantee Program

- AARA provides \$6.0 billion for a temporary program for rapid deployment of renewable energy and electric power transmission
- **Eligible Applicants:** To be determined
- **Eligible Activities:** RE systems, including incremental hydropower, that generate electricity or thermal energy, and facilities that manufacture related components
- **Who To Contact:** monitor Loan Guarantee Program website – <http://www.lgprogram.energy.gov>
- Link at this website allows you to sign up for emailed news alerts regarding the Loan Guarantee Program

4. Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment

- Eligible Applicants – Everyone except Federal agencies and nonprofits engaged in lobbying**
- \$156,000,000 nationally**
- Activities – A. COMBINED HEAT & POWER (generation of electric energy and heat in a single, integrated system with overall thermal efficiency of 60% or greater on a higher-heating-value basis**

4. Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment

- **Activities – continued**
- **B. DISTRICT ENERGY SYSTEMS (providing thermal energy from a renewable energy source, thermal energy source, or highly efficient technology to more than one building or fixed energy-consuming use from one or more thermal-energy production facilities through pipes or other means to provide space heating, space conditioning, hot water, steam, compression, process energy, or other end uses for that energy.**

4. Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment

- **Activities – continued**
- **C. WASTE ENERGY RECOVERY** means the collection and reuse of energy from sources such as exhaust heat or flared gas from any industrial process; waste gas or industrial tail gas that would otherwise be flared, incinerated, or vented; a pressure drop in any gas, excluding any pressure drop to a condenser that subsequently vents the resulting heat.

4. Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment

- **Activities – continued**
- **D. EFFICIENT INDUSTRIAL EQUIPMENT** refers to any proven, commercially available technology with deployment with a minimum efficiency improvement of 25% into the industrial sector. Bundling of multiple projects within a single application is required. Projects sized to exceed \$10 M total project value
- **Who To Contact:**
<https://recoveryclearinghouse.energy.gov/>
- **1-888-DOE-REVV (1-888-363-7289)**

American Recovery and Reinvestment Act of 2009

Clean Renewable Energy Bonds (CREBS) - \$2.4B

- Program Administered by the IRS
 - Application deadline August 4, 2009
- Bonds for loan financing for “renewable” projects
 - Hawaii is eligible to apply for bonds as a qualified issuer[‡]
 - Projects must be owned by a governmental body, public power provider or a mutual or cooperative electric company
- Eligible waste to energy technologies:
- Could be used to assist public landfills and waste water treatment facilities get financing to build waste to energy facilities.

➤ Biomass	MSW Conversion
MSW Combustion [†]	Landfill Gas to Energy